Contracts to Be Let

Bids received until May 5, 1915.

Steam Turbine Driven Centrifugal Pump

Kansas City, Mo.

SEALED PROPOSALS will be received by the Purchasing Agent of Kansas City, Missouri, at the office of the Purchasing Agent, Second Floor, City Hall, until two o'clock p.m. of Wednesday, May 5th, 1915, for the designing, construction, delivery and erection of a steam turbine, reduction gear, centrifugal pumping unit of a capacity to pump continuously twenty (20) million U. S. gallons of water per twenty-four (24) hours, against a total combined head of three hundred and sixty (360) feet and steam pressure of one hundred and sixty-five (165) pounds per square inch at throttle; together with all machinery, tools and appurtenances necessary; all in accordance with the plans and general specifications on file in the office of the Chief Engineer of the Water Department.

Each bidder shall deposit with the City Comptroller a certified check in the amount of Seven Hundred and Fifty Dollars ($750.00), payable to the City Comptroller of Kansas City, Missouri, and accompany his bid with the Comptroller's receipt therefor.

The certified check referred to in the Advertisement shall be submitted by each bidder as a guaranty that the bidder will, within ten (10) days after receiving the award of a contract, file with the City a satisfactory bond to the amount of Twenty-five Thousand Dollars ($25,000.00) and will execute the contract.

The Board of Fire and Water Commissioners does not bind itself to accept the lowest or any bid offered, and reserves the right to reject any and all bids and to waive any informality when it seems to be to the interest of Kansas City, Missouri, to do so.

J. P. LANGAN, Purchasing Agent.
BURTON LOWTHER, Chief Engineer.

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Bids received until Apr. 12, 1915.

Asphalt Road Oil

Montclair, N. J.

Sealed bids will be received by the Town Clerk of the Town of Montclair for furnishing asphalt road oil containing approximately forty-five (45%) per cent. of asphalt for use in oiling the streets in Montclair during the year of 1915.

Bids will be received both for furnishing oil in tank car lots, f.o.b. Montclair, or applied to the streets of the Town on a square yard basis, all according to specifications on file in the office of Edgar S. Closson, Town Engineer and there to be seen. Bids to be acceptable must be submitted on the proposal blank furnished by the Town; must be accompanied by a certified analysis of the oil; a certificate of the source of supply and method of manufacture; and a one quart sample of the oil which it is proposed to furnish.

The estimate of the amount of oil required is 130,000 gallons and the number of square yards requiring oiling is estimated at 800,000.

Each bid must be accompanied by a forfeit of three hundred and twenty-five ($325) dollars to insure the signing of the contract and bond by the successful bidder within two weeks after the award shall have been made.

All bids must be in by Monday, April 12th, 1915, at 8 p.m. at the Town Clerk's office, Municipal Building, Montclair, N. J.

The Council reserves the right to award the contract to the lowest bidder or bidders who furnish satisfactory evidence of their ability to carry out the contract as regards time, quality of work to be done and materials furnished. The contract will not necessarily be awarded to the lowest bidder. The quality of oil furnished together with its price will both receive consideration in making the award.

HARRY TRIPPETT, Town Clerk.

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U. S. ENGINEER OFFICE, Room 325 Custom House, New Orleans, La., Mar. 29, 1915—Sealed proposals for furnishing coal for United States plant from July 1, 1915, to June 30, 1916, will be received at this office until 11 A.M., May 3, 1915, and then publicly opened. Information on application. EDWARD H. SCHULZ, Maj., Engrs.

Bids received until Apr. 12, 1915.

Barn and Vegetable Cellar

Bath, N. Y.

Sealed proposals for construction of Barn and Vegetable Cellar for the New York State Soldiers' and Sailors' Home, Bath, N. Y., will be received by Hon. Joseph A. Goulden, President, Board of Managers, New York State Soldiers' and Sailors' Home, Bath, N. Y., until 11 o'clock A.M. on April 12, 1915, when they will be publicly opened and read. Proposals shall be enclosed in an envelope furnished by the State Architect, sealed and addressed, and shall be accompanied by a certified check in the sum of $300.00 for the Barn and $100.00 for the Vegetable Cellar. The contractors to whom the awards are made will be required to furnish surety company bond in the sum of fifty per cent. (50%) of the amount of contract within thirty (30) days after official notice of award of contract and in accordance with the terms of specification No. 2230. The right is reserved to reject any or all bids. Drawings and specifications may be consulted at the New York State Soldiers' and Sailors' Home, Bath, N. Y.; at the New York office of the Department of Architecture, Room 1224, Woolworth Building, and at the Department of Architecture, Capitol, Albany, N. Y. Drawings and specifications and blank forms of proposal may be obtained at the Department of Architecture, Capitol, Albany, N. Y., upon the deposit of a certified check in the sum of $10.00 made payable to the State of New York for each set of plans and specifications, which check will be returned when plans and specifications are sent back in good condition to the State Architect, Lewis F. Pilcher, Capitol, Albany, N. Y.

WM. H. NICHOLS, Secretary.

Dated
Bath, N. Y., March 23, 1915.

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Bids received until Apr. 12, 1915.

Resurfacing Asphalt

Montclair, N. J.

Sealed bids will be received by the Town Clerk of the Town of Montclair for furnishing asphalt for use in resurfacing streets in the Town of Montclair during 1915.

Bids will be required to state the price per gallon f.o.b. Montclair in tank cars or in barrels, all according to the specifications on file in the office of Edgar S. Closson, Town Engineer and there to be seen.

Bids to be acceptable must be submitted on the proposal blank furnished by the Town; must be accompanied by a certificate of the source of supply and method of manufacture; a certified analysis of the asphalt; and a one pound sample of the asphalt which it is proposed to furnish.

The estimate of the amount of asphalt required is 50,000 gallons.

Each bid must be accompanied by a certified check for $250.00 to insure the signing of the contract and bond by the successful bidder within two weeks after the award shall have been made.

All bids must be in by Monday, April 12th, 1915, at 8 P.M. at the Town Clerk's office, Municipal Building, Montclair, N. J.

The Council reserves the right to award the contract to the lowest bidder or bidders who furnish satisfactory evidence of their ability to carry out the contract as regards time, quality of work to be done and materials furnished. The contract will not necessarily be awarded to the lowest bidder. The quality of asphalt furnished together with its price will both receive consideration in making the award.

HARRY TRIPPETT, Town Clerk.

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PROPOSALS FOR MANILA BOLT ROPE—Mississippi River Commission, First and Second Districts, Custom House, Memphis, Tennessee, March 20, 1915.—Sealed proposals for furnishing and delivering 62,200 lbs. pure manila bolt rope, will be received at this office until 11 a.m., April 10, 1915, and then publicly opened. Information furnished on application E. M. MARKHAM, Maj., Engrs.

Bids received until Apr. 14, 1915.

Sanitary Contract No. 149, Covering Section 1 of the Gwynn's Falls Interceptor

OFFICE OF THE SEWERAGE COMMISSION OF THE CITY OF BALTIMORE

Baltimore, March 24, 1915.

SEALED PROPOSALS, in duplicate, indorsed "Proposal for building Gwynn's Falls Interceptor, Section No. 1, Sanitary Contract No. 149," addressed to the Board of Awards of Baltimore City, will be received at the office of the City Register, City Hall, Baltimore, Md., until 11 A.M., Wednesday, April 14th, 1915, for building Section No. 1 of the Gwynn's Falls Interceptor, as shown on plans on file in the office of Mr. Calvin W. Hendrick, Chief Engineer of the Sewerage Commission.

Specifications and plans can be obtained upon application at the office of the Secretary of the Commission, 904 American Building on and after Tuesday, March 30th, 1915.

A charge of $5.00 will be made for each set of specifications and plans, which charge will be refunded upon the return on or before April 14th, of the unused specifications and blueprints in good condition, or upon the return of the General Specifications and plans in case a bid is submitted.

A certified check of the bidders on a clearing house bank, in the sum of $1,500.00, made payable to the order of the Mayor and City Council of Baltimore, will be required to be deposited with each bid.

APPROXIMATE QUANTITIES

6,200 cu.yds. earth and rock excavation.

4,350 lin.ft. 30" sewer, for which bids are asked on the following types of sewer: brick and plain concrete; Reinforced concrete pipe; and segmental tile.

The successful bidder on this contract will be required to give bond and comply with the City Charter respecting contracts.

The Board of Awards reserves the right to reject any and all bids.

By order of the Sewerage Commission.

CHARLES ENGLAND,
Chairman.

HARRY W. RODGERS,
Secretary.

Approved: March 24, 1915.

JOHN HUBERT,
Acting President, Board of Awards.

Bids received until Apr. 6, 1915.

Repaving Streets

Bayonne, N. J.

SEALED PROPOSALS will be received by the Council of the City of Bayonne, N. J., at a meeting to be held in the City Hall, on

TUESDAY, APRIL 6, 1915,
at 8 o'clock P.M.,

for all labor and material required for the repaving with asphalt pavement, laid on old macadam foundation, the following streets: Thirty-fourth Street, from Avenue E to Avenue A; Thirty-sixth Street, from Broadway to Hudson Boulevard; Fifty-fourth Street, from Broadway to Hudson Boulevard, all under one contract.

There will be required about 20,980 square yards asphalt paving (wearing surface and binder); 11,460 lin. feet old curb realigned and redressed; 175 lin. feet new curb set in concrete; 600 cubic yards broken stone, together with other appurtenances.

All bids must be on the regular forms provided for the purpose, and submitted in sealed envelopes, plainly endorsed with the name of the bidder and the title of the improvement.

Checks submitted in lieu of bond must be certified, or the bid will be rejected.

Plans and specifications for the work are on file in the office of the City Surveyor, where blank forms of proposals or any other information may be obtained.

The amount of bond required is $13,000.

The time allowed for the completion of the work is ninety (90) days.

The Council reserves the right to reject any or all bids.

By order of the Council.

WM. P. LEE, City Clerk.

Bids received until Apr. 6, 1915.

Reimproving Streets

Bayonne, N. J.

SEALED PROPOSALS will be received by the Council of the City of Bayonne, N. J., at a meeting to be held in the City Hall, on

TUESDAY, APRIL 6, 1915,
at 8 o'clock P.M.,

for all labor and material required for the reimprovement of the following streets: Sixteenth Street, between Broadway and Hudson Boulevard; Thirty-second Street, between Avenue A and Avenue E, with sheet asphalt, all under one contract.

There will be required about 14,900 square yards asphalt paving, 7,800 lin. feet old curb realigned and redressed, 150 lin. feet new curb, set in concrete; 150 lin. feet curb reset in concrete, 500 cubic yards broken stone, together with other appurtenances.

All bids must be on regular forms provided for the purpose, and submitted in sealed envelopes, plainly endorsed with the name of the bidder and the title of the improvement.

Checks submitted in lieu of bond must be certified, or the bid will be rejected.

Plans and specifications for the work are on file in the office of the City Surveyor, where blank forms of proposals or any other information may be obtained.

The amount of bond required is $10,000.

The time allowed for the completion of the work is sixty (60) days.

The Council reserves the right to reject any or all bids.

By order of the Council.

WM. P. LEE, City Clerk.

Bids received until Apr. 13, 1915.

Highways

SEALED BIDS will be received by the Board of Water Supply, at its offices, twenty-second floor, Municipal Building, Park Row, Centre and Chambers Streets, New York City, until 11 A.M., on Tuesday, April 13, 1915, for Contract 152, for surfacing with vitrified brick blocks and macadam about 5 miles of highways and constructing about 8 miles of guard walls, at the Ashokan reservoir, in the towns of Olive, Marbletown and Hurley, Ulster county, New York. The grading for these highways has been largely done under other contracts.

At the above place and time the bids will be publicly opened and read. Pamphlets containing information for bidders, and contract drawings can be obtained at the above address, at the office of the Secretary, by depositing the sum of ten dollars ($10) in cash or its equivalent for each pamphlet. For further particulars apply to the office of the Principal Assistant Engineer at the above address.

CHARLES STRAUSS, President,
CHARLES N. CHADWICK,
JOHN F. GALVIN,
Commissioners of the Board of Water Supply.
W. BRUCE COBB, Secretary.

Bids received until Apr. 12, 1915.

Notice for Bridge Bids

Columbus, Mont.

Board of County Commissioners of the county of Stillwater, Montana, will receive bids for bridges on or before 10:00 o'clock A.M. of April 12th, 1915, at which time bids will be opened.

Bids to be on the following bridges:

No.	Where	Length of Bridge, feet
9	Skew Bridge, Shane Creek	22
11	Butcher Creek, at Campbell place	30
12	East Rosebud, 5 miles above L. C. Piper	60
13	West Rosebud, above Fishtail	55
14	Absarokee, Rosebud River, riveted span	95

The board reserves the right to reject any or all bids. All bids must be addressed to Lloyd B. Barley, County Clerk, Columbus, Mont., inclosing certified check of 5 per cent. of bid.

For further particulars, specifications and plans for these bridges, write or call on R. W. BARR, County Surveyor.

By order of Board of County Commissioners.

B. F. HARRIS, Chairman,

By Lloyd B. Barley, County Clerk.

Dated this 6th day of March, 1915.

Bids received until Apr. 6, 1915.

Street Improvements

Bayonne, N. J.

SEALED PROPOSALS will be received by the Council of the City of Bayonne, N. J., at a meeting to be held in the City Hall, on Tuesday, April 6th, 1915, at 8 o'clock p.m., FOR ALL LABOR AND MATERIAL REQUIRED FOR THE IMPROVEMENT OF THE FOLLOWING STREETS, VIZ.:

(1) Fourteenth Street, from Hudson Boulevard to Avenue A;
(2) Orient Street, from Fifth Street to Evergreen Street;
(3) Twentieth Street, from Hudson Boulevard to Avenue A;
(4) Thirty-eighth Street, from Hudson Boulevard to Avenue C;
(5) Hobart Avenue, from Third Street to Oak Street;
(6) Forty-seventh Street, from Broadway to Avenue E;
(7) Fifty-first Street, from Avenue B to Hudson Boulevard;
(8) Fifteenth Street, from Avenue A to Hudson Boulevard;
(9) Fifty-third Street, from Hudson Boulevard to Broadway;
(10) Twelfth Street, from Avenue A to Dummy Road;
(11) Linnet Street, from Orient Avenue to Ingham Avenue;
(12) Fiftieth Street, from Hudson Boulevard to Avenue C;
(13) Lord Avenue, from Fifth Street to Third Street;
(14) Avenue C, from Fifty-fourth Street to Morris Canal;
(15) Forty-first Street, from Avenue B to Avenue C;
(16) George Street, from Lexington Avenue to Hobart Avenue;
(17) Avenue A, from North Street to Thirty-first Street, with sheet asphalt, in accordance with plans and specifications on file.

Separate bids will be received for each street.

There will be required about 93,900 square yards asphalt paving on concrete, 35,000 lin. feet new bluestone curb, 6,500 lin. feet old curb reset, 9,500 square feet new concrete flag, 60,300 square feet flag reset, 100 square yards Belgian block pavement relaid, 63,800 square feet new bluestone flag, 2,300 lin. feet new concrete curb, 1,930 lin. feet new concrete curb and gutter, 43,200 cubic yards excavation, together with other appurtenances.

All bids must be on the regular forms provided for the purpose, and submitted in sealed envelopes plainly endorsed with the name of the bidder and the title of the improvement.

Checks submitted in lieu of bond must be certified, or the bid will be rejected.

Plans and specifications for the work are on file in the office of the City Surveyor, where blank forms of proposals or any other information may be obtained.

The amount of bond required and the time allowed for the completion of the work shall be as provided in the specifications.

Bids will be received subject to the filing of remonstrances against any of said improvements as provided by law, and the Council reserves the right to reject any and all bids.

By order of the Council.

WM. P. LEE, City Clerk.

Bids received until Apr. 5, 1915.

Cement, Stone, Pipe, etc.

CORPORATION OF THE CITY OF WESTMOUNT, QUEBEC.

City Engineer's Department.

Tenders are invited for the following supplies for the year commencing 1st May, 1915:

1—Cement
2—Sand
3—Quarried stone
4—Crushed stone
5—Paving Blocks
6—Sewer Pipes
7—Bricks
8—Farm Tile
9—Coal

Specifications, form of tender and other information can be obtained at the office of the undersigned.

Sealed tenders marked "Tenders for Supplies" will be received by the Secretary-Treasurer up to Twelve Noon, April 5th, 1915.

The City Council reserves the right to reject the lowest or any tender and do not guarantee to grant an exclusive contract to any tenderer.

P. E. JARMAN, City Engineer.

Bids received until Apr. 19, 1915.

Notice to Waterworks Tunnel Contractors

OFFICIAL NOTICE NO. 23

PUBLISHED BY AUTHORITY OF THE COMMON COUNCIL OF THE CITY OF MILWAUKEE.

OFFICE OF THE DEPARTMENT OF PUBLIC WORKS.

Milwaukee, Wisconsin.

Sealed proposals will be received at this office until Monday, April 19th, 1915, at 10:30 o'clock A.M., for furnishing all materials and doing all the work necessary and required for constructing the Shore Tunnel and all shafts of the Linwood Avenue Intake on the western shore of Lake Michigan, in the City of Milwaukee.

The work to be done is included in one contract. It embraces the construction of a concrete lined tunnel and the necessary shafts, on the western shore of Lake Michigan, between the North Point Pumping Station and the Shore Shaft of the Linwood Avenue Intake Tunnel, or between the lines X and Y as shown on Sheet Number 1 of the plans. It requires the construction of approximately: Five thousand six hundred and eighty (5,680) lineal feet of concrete lined tunnel, nine (9) feet in internal diameter, and the necessary number of shafts, all as shown upon the plans and described in the specifications, now on file in the office of the City Engineer.

Bidders will submit prices as described in "Instructions to Bidders."

The time allowed for completing the contract shall be three hundred and fifty-five (355) working days (working days meaning such as are particularly described in the Contract).

The lowest competent bidder will be awarded the Contract and will be required to enter into a contract with sureties as required by law, which contract contains a bond with penal sum of 25% of the estimated cost of the work—being in this case $57,000.00.

Bidders are required to furnish bid bonds in the penal sum of $68,400.00, or in lieu thereof the bidder may deposit with the Commissioner of Public Works the sum of $34,200.00 in money or certified bank check, payable to the Commissioner of Public Works.

In case bonds are submitted with bids, local bondsmen or a surety company, authorized to do business in Wisconsin, will be required, said bond to be approved by the City Attorney as to form and execution before being presented with bid to the Commissioner of Public Works.

Specifications and blank forms of proposals can be obtained, and plans examined, at the office of the City Engineer.

The prices must be written in the proposal and also stated in figures. In case of variation, the written prices will prevail.

All moneys deposited will be returned to unsuccessful bidders on award of contract and to successful bidder when contract is entered into. Bid bonds will be cancelled under same conditions.

The Commissioner of Public Works reserves the right to reject any or all bids.

Bidders are required to submit with their proposals, the method they intend to adopt in carrying out this work.

Full sets of plans will be sent to any Contractor desiring to bid, upon the receipt of Ten ($10.00) Dollars.

Signed, FRED G. SIMMONS,
Commissioner of Public Works.

Countersigned,
LOUIS M. KOTECKI, Comptroller.

Bids received until Apr. 12, 1915.

Reinforced Concrete Arches

Camden, N. J.

Separate sealed proposals are invited for constructing two reinforced concrete arches on Kings Highway for Camden County.

Plans and specifications are filed with the Engineering News, New York City; also with Fred. W. George, Clerk, Board Chosen Freeholders, Court House, Camden, N. J., who will mail a set to any address on receipt of $1.00 for each culvert. Bids will be received at Court House, Camden, immediately opened and publicly read on Monday, April 12th, at 11 A.M. Each bid must be accompanied by a certified check or cash in the sum of $1000.

FRED. W. GERCKE, Chairman Bridge Comm.
J. J. ALBERTSON, Co. Eng'r.

March 12, 1915.

Bids received until Apr. 20, 1915.

Highway Work

OFFICE OF THE STATE COMMISSION OF HIGHWAYS.

Albany, N. Y.

Sealed proposals will be received by the undersigned at their office, No. 55 Lancaster Street, Albany, N. Y., at 1 o'clock p.m., Tuesday, April 20th, 1915, for the repair of contracts in the following counties:

Albany (one contract—resurfacing 1.9); Broome (one contract—surface treatment 5.73); Chenango (one contract—surface treatment 1.07); Clinton (one contract—resurfacing 7.34); Delaware (one contract—surface treatment 1.00); Essex (one contract—resurfacing 3.64); Onondaga, three contracts (resurfacing—1.72, 2.21, 2.50); Oswego, two contracts (resurfacing—3.09, 2.09); Otsego (one contract—surface treatment 9.07); Rensselaer (one contract—resurfacing 2.46); Saratoga (one contract—resurfacing 3.79); Schoharie (one contract—surface treatment 8.49); Seneca (one contract—resurfacing 5.72); Sullivan (one contract—resurfacing 1.50); Suffolk (one contract—resurfacing 3.82); Warren (one contract—resurfacing 4.12); Wayne (one contract—surface treatment 7.01); Wyoming (one contract—resurfacing 1.28).

Maps, plans, specifications and estimates may be seen and proposal forms obtained at the office of the Commission in Albany, N. Y., and also at the office of the Division Engineers in whose division the contracts are to be repaired. The addresses of the Division Engineers and the counties in which they are in charge will be furnished on request.

The especial attention of bidders is called to "Information for Bidders" in the itemized proposal, specifications and contract agreement.

EDWIN DUFFEY, Commissioner.

I. J. MORRIS, Secretary.

Bids received until Apr. 20, 1915.

Water Pipes, Valves, etc.

Sacramento, California, March 18, 1915.

Sealed bids or proposals for the furnishing and installing of riveted steel and cast iron water pipes, valves, hydrants and other appurtenances, in the streets, alleys and rights of way in the City of Sacramento, Sacramento County, California, for the City of Sacramento and endorsed, "Proposal for the Furnishing and Installing of Riveted Steel and Cast Iron Water Pipes for Sacramento, California," will be received at the office of the City Clerk, City Hall, Sacramento, Calif., between the hours of 10:30 and 11:30 A.M., Tuesday, the twentieth day of April, 1915, and will be publicly opened and read in the Council Chamber, City Hall, Sacramento, on Tuesday, the twentieth day of April, 1915, after 11:30 o'clock A.M.

All bids shall be made upon the blank form of proposal contained in a pamphlet with the contract, specifications and drawings, to be obtained at the office of the City Clerk, City Hall, Sacramento, Calif.

Each proposal shall be accompanied by a certified check, made payable to the City Clerk, amounting to (10) per cent. of the higher alternative bid. A liability bond amounting to fifty (50) per cent. and a contract guaranty bond amounting to ten (10) per cent. of the contract price will be required of the successful bidder.

The funds for payment on said work must be obtained from the sale of Sacramento Water Mains Bonds bearing interest at the rate of four and one-half (4½) per cent. per annum, said bonds being on hand and unsold. These bonds must be sold and the money required for all work which is estimated may exceed the bid by at least fifteen (15%) per centum must be deposited in the City Treasury before the contract is finally signed.

Some of the More Important Elements of the Work are as Follows:

126,000 cubic yards of excavation,

126,000 cubic yards of backfill,

417,920 linear feet of cast iron pipe, four inches to sixteen inches in size.

39,990 linear feet of riveted steel pipe, twenty, twenty-four, thirty, and thirty-six inches in size,

758 hydrants,

1,472 valves four inches to thirty inches.

220 tons cast iron special fittings,

22,084 square yards of macadam, asphalt, Asphalt Macadam, and basalt blocks pavement to be removed and replaced.

The above quantities are approximate and given merely for the guidance of prospective bidders and are not guaranteed as correct.

Alternative bids are requested, (a) for the materials and work complete in every detail, and (b) for the material and work complete with the exception of freight charges on pipe, special fittings, hydrants and valves.

The City Commission reserves the right to increase or decrease the amount of any class or portion of the work or material as they deem necessary or proper and to reject any or all proposals or to accept any proposal, if they deem it to the interest of the City of Sacramento so to do.

It is the intention to let the work as a whole and not in parts.

A deposit of five ($5.00) dollars will be required for each copy of the pamphlet containing the complete contract documents which may be obtained from the undersigned.

M. J. DESMOND, City Clerk.

Bids received until Apr. 21, 1915.

Pumping Station Equipment

Durham, N. C.

Sealed Proposals will be received by the Mayor and Board of Aldermen of the City of Durham, N. C., at the City Hall, until 3 P.M. April 21st, 1915, for "Pumping Station Equipment" consisting of three-million gallon Crank and Flywheel Pumping Engines, Turbine driven Centrifugal Pumps, Feed Pumps, Open Feed Water Heaters, 5 K.W. and 7½ K.W. D.C. Electric Lighting Units, Manning Boilers.

Proposals must be marked "Proposal for Pumping Station Equipment."

All proposals must be upon blank forms provided in Proposal and Contract.

Each proposal must be accompanied by a certified check for not less than five per cent. of the amount of the bid, as an evidence of good faith.

Specifications, Contract and Proposal forms will be on file in the office of the City Engineer in Durham or will be mailed upon application to the Engineer at Charlotte, N. C., when accompanied by payment of Ten Dollars to insure their return in good condition within thirty days after the date of receiving proposals.

The right is reserved to reject any or all proposals or to consider proposals on alternate equipment.

W. J. BROGDEN, Mayor,

GEO. W. WOODWARD, Clerk.

Engineer—

GILBERT C. WHITE, Charlotte, N. C.

Bids received until Apr. 6, 1915.

Reimprovement of Streets

Bayonne, N. J.

SEALED PROPOSALS will be received by the Council of the City of Bayonne, N. J., at a meeting to be held at the City Hall, on

TUESDAY, APRIL 6, 1915,
at 8 o'clock P.M.,

for all labor and material required for the reimprovement of the following streets: 5th Street, from Avenue A to Broadway; 8th Street, from Avenue A to Broadway, and Humphreys Avenue, from 5th Street to 7th Street, with bituminous concrete, all under one contract.

There will be required 17,800 square yards bituminous concrete, 10,600 lin. feet old curb realigned and redressed, 700 lin. feet new curb set in concrete, 900 cubic yards broken stone, together with other appurtenances.

All bids must be on the regular forms provided for the purpose and submitted in sealed envelopes plainly endorsed with the name of the bidder and the title of the improvement.

Checks submitted in lieu of bond must be certified, or the bid will be rejected.

Plans and specifications for the work are on file in the office of the City Surveyor, where blank forms of proposals or any other information may be obtained.

The amount of bond required is $13,000.00.

The time allowed for the completion of the work is seventy (70) days.

The Council reserves the right to reject any or all bids.

By order of the Council.

WM. P. LEE, City Clerk.

Bids received until Apr. 19, 1915.

Water Works Construction

Peoria Heights, Ill.

Sealed bids will be received, for the construction of a Water Works System, by the Board of Local Improvements of the Village of Peoria Heights, Illinois, until the 19th day of April, A.D. 1915, at the hour of 8 P.M., at the Village Hall in said Village of Peoria Heights, Illinois, at which time and place said bids will be publicly opened.

The work will include:

a. 85,085 lineal feet of cast iron pipe with specials.
b. 98 Hydrants, 69 valves and 69 valve boxes.
c. Two (2) Centrifugal Pumps directly connected to Motors, and electric controls for same.
d. Construction of Pumping Station.
e. Construction of Steel Tower and 50,000 gal. Tank.

Proposals must be made upon blanks furnished by said Board and in compliance with the instructions thereto attached, and must be accompanied by cash or by check payable to the order of the President of said Village in his official capacity, certified by a responsible bank, for an amount not less than fifteen (15) per cent. of the aggregate of the proposal.

The right is reserved to reject any and all bids, as authorized by law.

Plans and Specifications may be seen at both addresses given below, or may be obtained by depositing five (5) dollars for each set, said deposits to be returned upon the return of plans and specifications in good order. Specifications used in making a bid will be considered as returned.

For further particulars address F. J. Brayton, Village Clerk, Peoria Heights, Illinois, or Chas. H. Dunn, Civil Engineer, 29 and 30 Arcade Building, Peoria, Illinois.

Bids received until Apr. 21, 1915.

Water Works Improvements

Durham, N. C.

Sealed Proposals will be received by the Mayor and Board of Aldermen of the City of Durham, N. C., at the City Hall, until 3 P.M. April 21st, 1915, for "Water Works Improvements," consisting of:

River Pumping Station, City Pumping Station, Filter House and Concrete Clear Water Well, Coagulating Basin, Filter Equipment for four units of ¾ million gallons each, Laying nine miles 20-inch cast iron pipe, Two Radial Brick Chimneys.

Proposals must be marked "Proposal for Water Works Improvements."

All proposals must be upon blank forms provided in Proposal and Contract.

Each proposal must be accompanied by a certified check for not less than five per cent. of the amount of the bid, as an evidence of good faith.

Specifications, Proposal and Contract forms and plans will be on file in the office of the City Engineer in Durham or will be mailed upon application to the Engineer at Charlotte, N. C., when accompanied by the payment of twenty-five dollars to insure their return in good condition within thirty days after the date set for receiving proposals.

The right is reserved to reject any or all proposals.

W. J. BROGDEN, Mayor,
GEO. W. WOODWARD, Clerk.

Engineer—
GILBERT C. WHITE, Charlotte, N. C.

Bids received until Apr. 9, 1915.

Vitrified Brick Pavement

DEPARTMENT OF WORKS

Oswego, N. Y., March 26, 1915.

Sealed proposals will be received by this Department until 2 P.M., April 9th, 1915, for the construction of approximately 4000 sq. yards of Vitrified Brick Pavement with concrete curb and gutter, concrete foundation, etc., and for resurfacing approximately 8500 sq. yards of old sheet asphalt pavement with Vitrified Brick, using the present concrete foundation, together with such work to curbing, catch basins, foundation, etc., as may be found necessary.

The work will be divided into three contracts.

Plans and specifications may be obtained by application to the Commissioner of Works.

The right to reject any or all bids is reserved.

CHARLES W. LINSLEY,
Commissioner of Works.

Bids received until May 15, 1915.

Pumping Engine

Binghamton, N. Y., March 26, 1915.

The Board of Water Commissioners of the City of Binghamton, New York, will receive sealed proposals until ten o'clock A.M., on the fifteenth day of May, 1915, for furnishing and installing complete:

One (1) Horizontal Cross-Compound High Duty Crank and Flywheel Pumping Engine of 10,000,000 gallons daily capacity.

Proposals must include all piping necessary within the engine room walls, together with such gauges, revolution counters, tools and attachments as are generally furnished to constitute a complete and first-class pumping plant of this capacity.

In order to receive consideration, proposals must be accompanied by a certified check made payable to the Board of Water Commissioners of Binghamton, N. Y., or a bond of some approved trust company and acceptable to the Board and in their favor in the sum of Two Thousand Five Hundred ($2,500) Dollars, which amount shall be forfeited to the above Board as representatives of the City of Binghamton without recourse by the company or person to whom an award of contract shall be made in case such company or person shall fail to enter into a contract with the city within fifteen (15) days after having been notified of such award.

Parties tendering proposals must file with such proposals a set of full detailed specifications which shall describe in a comprehensive manner the different parts of the engine, giving sizes and dimensions of the same, and also the name of the material from which parts are to be constructed.

There must also be furnished with all proposals detailed blue prints or drawings sufficient for the Board and its Engineer to easily understand the construction and working parts of the engine proposed.

The time necessary to construct and install complete the Pumping Engine proposed must be specifically stated, as a forfeit will be exacted in case the time limit named in the contract is exceeded.

The right to reject any or all proposals or to award a contract in such a manner or to such parties as may be deemed for the best interests of the City of Binghamton is reserved by the Board of Water Commissioners.

Specifications may be had upon application to the secretary.

JOHN D. DAVIDSON, Secretary,
Binghamton, N. Y.

Bids received until Apr. 13, 1915.

Building Construction, etc.

Industry, N. Y.

Sealed proposals for alterations and additions to Hospital Building, construction; heating; plumbing and drainage and electric work at the New York State Agricultural and Industrial School, Industry, N. Y., will be received by Mrs. Warham Whitney, President of the Board of Managers of the State Agricultural and Industrial School, Industry, N. Y., until 12 o'clock noon, April 13, 1915, when they will be publicly opened and read. Proposals shall be enclosed in an envelope furnished by the State Architect, sealed and addressed, and shall be accompanied by a certified check in the sum of $250.00 for construction work; in the sum of $60.00 for heating work; in the sum of $50.00 for plumbing and drainage and in the sum of $25.00 for electrical work. Contractors to whom the awards are made will be required to furnish surety company bond in the sum of fifty per cent. of the amount of contract within thirty (30) days after official notice of award of contract and in accordance with the terms of specifications Nos. 2116, 2196, 2176 and 2177. The right is reserved to reject any or all bids. Drawings and specifications may be consulted at the State Agricultural and Industrial School, Industry, N. Y.; at the New York office of the Department of Agriculture, Room 1224, Woolworth Building, and at the Department of Agriculture, Capitol, Albany, N. Y. Drawings and specifications and blank forms of proposal may be obtained at the Department of Architecture, Capitol, Albany, N. Y., upon the deposit of a certified check in the sum of $10.00 made payable to the State of New York, for each set of plans and specifications, which check will be returned if plans and specifications are sent back in good condition to the State Architect, Lewis F. Pilcher, Capitol, Albany, N. Y.

Bids received until Apr. 6, 1915.

Electric Light Improvements

Kinston, N. C.

Sealed Proposals will be received until 5 P.M. of April 6, 1915, by the Mayor and City Council of Kinston, N. C., for Electric Light Plant Improvements.

New equipment includes 300 K.W. engine type generators, two belted generators, switchboard, 450 H.P. four-valve engine, condenser, centrifugal pump and motor, return tubular boilers. Bids on alternates to the above will be considered.

Building construction consists of extension to existing structures, station for centrifugal pumps, and about 1000 feet of terra cotta and cast-iron pipe line.

Each proposal must be accompanied by a certified check for not less than five per cent. of the amount of the proposal.

All proposals must be upon forms provided by the City.

The right is reserved to reject any or all bids.

Specifications, Proposal Form, and Plans will be on file in the office of the City Clerk at Kinston, N. C., and may be obtained from the office of the Consulting Engineer in Charlotte, N. C., upon application, accompanied by payment of five dollars, which will be refunded when Specifications and Plans are returned in good condition within thirty days after the date of receiving proposals.

FRED I. SUTTON, Mayor.
W. B. COLEMAN, Clerk.

Consulting Engineer:
GILBERT C. WHITE, Charlotte, N. C.

Bids received until Apr. 14, 1915.

Highway Improvements

OFFICE OF THE STATE COMMISSION OF HIGHWAYS,
Albany, N. Y.

Sealed proposals will be received by the undersigned at their office, No. 55 Lancaster Street, Albany, N. Y., at one o'clock p.m., Wednesday, April 14, 1915, for the improvement of Highways in the following counties:

Albany (approx. length, 2.80); Allegany (approx. length, 6.71); Essex (approx. length, 5.34); Franklin, 3 highways (5.50, 4.91, 11.41); Monroe, 2 highways (2.14, 1.87); Oneida (approx. length, 6.65); Oswego, 3 highways (5.41, 5.22, 3.66); St. Lawrence (approx. length, 6.66); Wyoming (approx. length, 3.88).

Maps, plans, specifications and estimates may be seen and proposal forms obtained at the office of the Commission in Albany, N. Y., and also at the office of the Division Engineers in whose division the road is to be constructed. The addresses of the Division Engineers and the counties in which they are in charge will be furnished on request.

The especial attention of bidders is called to "Information for Bidders" in the itemized proposal, specifications and contract agreement.

EDWIN DUFFEY, Commissioner.
I. J. MORRIS, Secretary.

PROPOSALS FOR WIRE, WIRE STRAND, STAPLES AND CLIPS.—Mississippi River Commission, First and Second Districts, Custom House, Memphis, Tennessee, March 20, 1915.—Sealed proposals for furnishing and delivering about 725,000 lbs. galvanized wire, silicon bronze wire, wire strand, and staples, and 36,000 wire rope clips, will be received at this office until 12 m., April 10, 1915, and then publicly opened. Information furnished on application. E. M. MARKHAM, Maj., Engrs.

U. S. ENGINEER OFFICE, Pittsburgh, Pa., March 4, 1915.—Sealed proposals for furnishing and delivering steel maneuver-boat hulls, steamboat and hand capstans, derricks, kevels, spuds, etc., for Dams Nos. 10, 12, 15, 19, 20 and 29, and engines and electric light plants, etc., for maneuver boats at Dams Nos. 10 and 29, Ohio River, will be received at this office until 12 M. (Eastern Standard Time), April 3, 1915, and then publicly opened. Information on application. HAROLD C. FISKE, Captain, Engrs.

U. S. ENGINEER OFFICE, 540 Federal Building, Buffalo, N. Y., March 16, 1915.—Sealed proposals for dredging in Niagara River, N. Y., will be received at this office until 11 a.m., April 15, 1915, and then publicly opened. Information on application. J. G. WARREN, Col., Engrs.

U. S. ENGINEER OFFICE, Pittsburgh, Pa., March 6, 1915.—Sealed proposals for building a fire-proof power-house; furnishing and installing one 115-H.P. boiler, one 15-H.P. boiler, one steam-driven air compressor and two air receivers, piping and accessories, and furnishing one feed water heater, one feed water pump and one service water pump at Dam No. 10, Ohio River, will be received at this office until 12 M. (Eastern Standard time), April 5, 1915, and then publicly opened. Information on application. HAROLD C. FISKE, Captain, Engrs.

Bids received until April 16, 1915.

Waterworks Improvements

Chillicothe, Mo.

Sealed proposals will be received by the Secretary of the Board of Public Works until 8 P.M., April 16, 1915, for furnishing materials and labor required to construct a filter plant, furnish pumps, motors, etc. and other work in connection with waterworks improvements. Bidders are invited to be present and submit bids on the above.

Complete plans and specifications are on file with the Board of Public Works, or may be seen at the office of the Consulting Engineers, Harper & Stilwell, 914 Grand Ave. Temple, Kansas City, Mo. Parties desiring copies for their own use may obtain the same on payment of $10 of which 80% will be refunded if the plans and specifications are returned in good condition within ten days of the date of letting. Bidding blanks will be furnished by the engineers, without charge.

Each proposal must be accompanied by a certified check on a bank or trust company of Chillicothe or Kansas City, Mo. This check shall be equal to 5% of the amount of bid and shall be made payable to J. H. Reynolds, City Treasurer of Chillicothe.

The Board reserves the right to increase or diminish the quantities above mentioned, the right to reject any or all bids, to waive any informalities and to award the contracts as may be deemed to the best interests of the city.

C. F. ADAMS, Pres.,
Board of Public Works.
Attest: P. J. DIXON, Secretary.

PROPOSALS FOR A GUARD HOUSE AND BAKERY. Office, Depot Quartermaster, El Paso, Texas, March 29, 1915.—Sealed proposals for the construction, plumbing, heating, electric wiring and fixtures, of a guard House and Bakery, at Fort Bliss, Texas, will be received in this office until 11:00 A.M., April 30, 1915, and then opened. Information furnished on application. Applications for plans, etc., should be accompanied by a certified check for $10.00 to insure their return. Envelopes containing proposals should be indorsed "Proposals for Guard House and Bakery, Fort Bliss, Texas," and addressed Major William Elliott, Quartermaster Corps, U. S. Army.

U. S. ENGINEER OFFICE, Wheeling, W. Va., March 29, 1915.—Sealed proposals for furnishing and delivering one service boat, designated No. 10A3, for Lock No. 10, Kanawha River, W. Va., will be received at this office until 11 a.m. (Eastern time), April 29, 1915, and then publicly opened. Information on application. T. H. JACKSON, Major, Engrs.

GOVERNORS ISLAND, N. Y. H., Mar. 15, 1915.—Sealed proposals, in triplicate, for furnishing Forage and Straw (three months' and a year's supply) and FUEL, GASOLINE, MINERAL OIL, BEEF and MUTTON, required in Eastern Department during year commencing July 1, 1915, will be received here until 11 a.m., April 14, 1915. Information furnished on application to Department Quartermaster.

U. S. ENGINEER OFFICE, Louisville, Ky., March 19, 1915.—Sealed proposals for furnishing and delivering American Portland Cement for Dam 43, Ohio River, will be received here until 12 noon, central time, April 19, 1915, and then publicly opened. Information on application. J. C. OAKES, Major, Engrs.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., March 17, 1915.—SEALED PROPOSALS will be opened in this office at 3 p.m., April 29, 1915, for making betterments in the U. S. Post Office and Court House at Pensacola, Florida. Drawings and specifications may be obtained from the Custodian at Pensacola, Fla., or at this office. O. WENDEROTH, Supervising Architect.

U. S. ENGINEER OFFICE, Room 325 Custom House, New Orleans, La., Mar. 13, 1915.—Sealed proposals for furnishing and delivering about 10,000 cubic yards stone at South Pass and Southwest Pass, Mississippi River, will be received at this office until 11 A.M., April 13, 1915, and then publicly opened. Information on application. EDWARD H. SCHULZ, Maj., Engrs.

U. S. ENGINEER OFFICE, Nashville, Tenn., March 13, 1915.—Sealed proposals for construction and erection of steel gates for Locks B and C, Cumberland River, will be received at this office until 11 a.m., April 12, 1915, and then publicly opened. Information on application. H. BURGESS, Major, Engineers.

U. S. ENGINEER OFFICE, First District, New York City, Room 710 Army Building, 39 Whitehall Street, New York, N. Y., March 27, 1915.—Sealed proposals for constructing storehouses and a boat shed on Mill Rock at Hell Gate in East River, N. Y., will be received at this office until 12 M., April 26, 1915, and then publicly opened. Information on application. W. M. BLACK, Col., Engrs.

Classified Advertising

Positions Wanted, 3 cents a word, minimum charge 50 cents an insertion, payable in advance.

Positions Open, (Civil Service Examinations), **Employment Agencies** (Labor Bureaus), **Business Opportunities, Wanted** (Agents and Salesmen—Contract Work), **Miscellaneous** (Educational—Books), **For Sale,** 5 cents a word, minimum charge $1.00 an insertion.

Count four words for keyed address care of New York; five for Chicago. Abbreviated words or symbols count as full words.

Copy should reach us not later than 10 A.M. Wednesday for that week's issue. Answers addressed to our care, Tenth Avenue at Thirty-sixth St., New York or 1144 Monadnock Block, Chicago will be forwarded (excepting circulars or similarliterature).

No information given by us regarding keyed advertiser's name or address. Original letters of recommendation or other papers of value should not be inclosed to unknown correspondents. Send copies.

Advertisements calling for bids, $3.60 an inch per insertion. N

POSITIONS WANTED

Mechanical and Electrical Engineers

MECHANICAL ENGINEER, 35, technical school and 12 years' broad experience; New York interview. P. W. 42, Eng. News.

MECHANICAL ENGINEER—Long experience with dredging and contractors' plants; design, construction and maintenance; now engaged. P. W. 71, Eng. News.

GRADUATE ELECTRICAL AND MECHANICAL ENGINEER with extensive experience in general engineering desires a position of office engineer with engineering corporation or chief engineer of industrial plant. P. W. 78, Eng. News.

Civil Engineers

GRADUATE ENGINEER, married, wishes work of any kind; can fill any position from axeman to engineer-in-charge; good draftsman; eight years' excellent engineering experience; references. P. W. 75, Eng. News.

CIVIL ENGINEER-SUPERINTENDENT; Assoc. M. Am. Soc. C. E., Member Am. Soc. Test. Mats.; concrete testing and proportioning specialist; experience on buildings, ship canal, locks, docks, dams, breakwaters, railways, roads, mines. P. W. 82, Eng. News.

CIVIL ENGINEER, graduate, will prepare designs, details, estimates and reports; inspecting; New York location. P. W. 87, Eng. News.

GRADUATE CIVIL ENGINEER wants work of any kind in the engineering line; five years' experience, land surveys, canal, roads, sewers and street paving. P. W. 76, Eng. News.

CIVIL ENGINEER, to take full charge of drafting room; design, reproductions, etc.; eight years' experience; references. P. W. 69, Eng. News.

CIVIL ENGINEER, 26, technical graduate, five years' experience in railroad maintenance and municipal engineering and construction. Good references. P. W. 62, Eng. News, Chicago.

CIVIL ENGINEER, 23, technical graduate, desires position where energy and thoroughness will bring results; preferably in the East. P. W. 80, Eng. News.

CIVIL ENGINEER, Jr. Am. Soc. C. E., 26, five years' engineering and construction experience, also three years' experience in paper-mill operation and construction; fine executive ability; at present employed by large paper company; best of references; desires position with reliable firm, with chance for advancement. P. W. 81, Eng. News.

CIVIL ENGINEER, 11 years' varied experience, railroad construction, location and valuation surveys; excellent highway experience; at present in charge of work. P. W. 39, Eng. News, Chicago.

CIVIL ENGINEER; college graduate; Assoc. M. Am. Soc. C. E.; 10 years' experience, design and construction, docks, bridges, roads, canals, surveys. P. W. 21, Eng. News.

GRADUATE CIVIL ENGINEER; 8 years' general experience, four on construction, railroad and land surveying, concrete, sewers, water lines. P. W. 49, Eng. News.

GRADUATE CIVIL ENGINEER; 6 years' experience factory construction and structural drafting; best references. P. W. 58, Eng. News.

CIVIL ENGINEER, 26, two years Hell Gate arch, bridge, one year subway construction, as draftsman, inspector, chief of party; go anywhere. P. W. 88, Eng. News.

VALUATION ENGINEER, eight years' railroad experience, will take full charge field and office work; references. P. W. 68, Eng. News.

Bridge and Structural

BRIDGE AND STRUCTURAL ENGINEER with long experience holding responsible positions wishes to change location. P. W. 986, Eng. News.

STRUCTURAL ENGINEER, graduate, 10 years' experience designing bridges, industrial plants, water-supply, filtration, hydro-electric power. P. W. 10, Eng. News.

STRUCTURAL AND CONCRETE ENGINEER with long experience is open for position; best references. P. W. 5, Eng. News.

STRUCTURAL DRAFTSMAN, 15 years' experience in detailing railroad and highway bridges, mill and office buildings, tanks, towers, etc., desires position, checker or squad foreman. P. W. 67, Eng. News.

STRUCTURAL ENGINEER, graduate, M. Am. Soc. C. E., expert designer of steel and reinforced concrete for industrial buildings, tall office buildings and bridges; good executive and personality. P. W. 63, Eng. News.

Surveyors

INSTRUMENT MAN, eight years' experience; three tropics; go anywhere. P. W. 36, Eng. News.

INSTRUMENTMAN; age 24; single; three years at Mass. Inst. of Tech., and summer surveying camp; 10 months' experience in field and office. P. W. 59, Eng. News.

YOUNG MAN with 11 years' experience in railroad and general engineering desires position as transitman on any class of work; location immaterial; best references. P. W. 70, Eng. News.

YOUNG MAN, 23, three years' practical experience chainman, rodman, leveler, desires position. P. W. 79, Eng. News.

I. C. S. GRADUATE, 20, two years' experience in surveying, drafting; moderate salary. C. E. Norcross, Pemberton, N. J.

TRANSITMAN, TOPOGRAPHER, DRAFTSMAN, four years on railroad location, construction, maintenance, bridges and valuation; available Apr. 15; location immaterial. P. W. 83, Eng. News.

Draftsmen

FIRST CLASS STRUCTURAL DRAFTSMAN; 12 years' experience detailing, estimating, checking, squadman; all lines work; best reference; desires position. P. W. 56, Eng. News.

Superintendents, Etc.

SUPERINTENDENT of paving; 22 years' experience with all kind of paving; a thorough organizer; temperate; P. W. 15, Eng. News.

SUPERINTENDENT, ten years' experience reinforced-concrete buildings; high experience with chutes; sober; highest reference. P. W. 54, Eng. News.

CONSTRUCTION ENGINEER, 29, technical graduate, six years' experience on construction work, desires position with established contracting firm; willing to make small investment; employed at present. P. W. 34, Eng. News.

ESTIMATOR in building construction and general contracting work; graduated civil engineer; over 10 years' experience, reinforced-concrete, brick masonry, steel and timber work; A-1 references; wants position. P. W. 61, Eng. News.

CONTRACTING ENGINEER, 29, married; technical education; five years as principal assistant and right-hand man on $5,000,000 of work to vice-president and chief engineer of large firm of contracting engineers on heavy pneumatic and open foundation bridge work and general contracting; position required engineering and executive ability. P. W. 86, Eng. News.

YOUNG GRADUATE ENGINEER having had at least one year's experience in the making of structural steel shop drawings, to learn designing a special class of structures; moderate salary. P. 84, Eng. News.

ENGINEER, 12 years' experience modern mill and factory practice, design, construction and maintenance, will shortly be open for engagement; references of highest order; salary $2000. P. W. 73, Eng. News.

TOPOGRAPHER, with contracting experience; graduate; recently with government geological survey; plane-table, level or transit; understands provisioning camp; capable running party. P. W. 74, Eng. News.

FOREMAN with several years' experience as timekeeper, paymaster and cost keeper wants position on general contract work in East; age 30; best references. P. W. 85, Eng. News.

ENGINEER-SUPERINTENDENT, broad experience on dredging contracts, plant design and operation, and examinations for bids; reference to past and present engagements. P. W. 72, Eng. News.

YOUNG LADY, seven years' experience, stenographer, typist, bookkeeper, wishes position, having charge of office, with contracting or engineering concern; excellent references; knowledge drafting, Spanish and German; location immaterial. P. W. 64, Eng. News.

POSITIONS OPEN

ADVERTISING SOLICITOR—A young engineer is wanted, capable of interesting advertisers in the Lefax catalog section, to make his headquarters at the Philadelphia office. Advertisers are showing an increasing interest, and there is a splendid opportunity for a resourceful young man with plenty of force to build up a remunerative position for himself in the Lefax organization. Lefax, Inc., 1006 Pennsylvania Building, Philadelphia, Penn.

ESTIMATOR on structural steel and light iron work, with some knowledge of detailing; also detailers on structural steel work for tall buildings; give particulars. P. 65, Eng. News.

TWO FIRST-CLASS TEMPLET MAKERS—All-around men with experience on light structural work; no attention paid to replies not stating full particulars and rate wanted, also when available. Address Berlin Construction Co., Berlin, Conn.

FIRST-CLASS CENTRIFUGAL PUMP DESIGNER; must have experience with large concern in predetermining impeller characteristics. Give salary expected and full particulars. P. 89, Eng. News.

WANTED for the New York office of a water treatment and supply company a mechanical engineer experienced in designing and drafting of machinery, boiler and pipe works and capable of instructing and supervising young draftsmen; knowledge in water treatment not a condition. Communicate in writing, stating experience, qualifications, references and salary expected. P. 77, Eng. News.

Civil-Service Opportunities

Competitive examinations for the civil-service positions named below will be held on or up to the dates given. For detailed information, write the addresses specified.

SHIP DRAFTSMAN (male), $3.28-$5.04 per diem; examination Apr. 14-15; for vacancy in the Bureau of Construction and Repair, Navy Dept., Washington, D. C., or vacancies as they occur in other positions requiring similar qualifications. Write to the United States Civil Service Commission, Washington, D. C., for Circular No. 210 and Application Form No. 1312.

ELECTRICAL DRAFTSMAN, RADIO (male), $3.52-5.52 per diem; examination Apr. 7-8; for vacancy in the Navy Yard, New York, N. Y., or vacancies as they occur in other positions requiring similar qualifications. Write to the United States Civil Service Commission, Washington, D. C., for Circular No. 239 and Application Form No. 1312.

Employment Agencies

The Employment Agencies advertising in this paper agree to refund any registration fee on demand any time within the first six months when no position is secured.

TECHNICAL ENGINEERS in every line for available positions; employers and applicants write The Toledo Engineering Agency, Toledo, Ohio.

ENGINEERS, ARCHITECTS AND DRAFTSMEN wanted. The Kansas City Engineering Agency, 323 Midland Building, Kansas City, Mo.

LABOR BUREAUS

SPECIAL ADVANTAGES to contractors or others employing skilled or unskilled laborers. Commissary privileges optional. Central Labor Agency, 139 Mulberry St., New York. (Telephone 8970 Canal.)

CONTRACTORS or others employing laborers, skilled or unskilled. We supply laborers from coast to coast. No order too small or too large. Trial order will convince you. Maurice E. Finn's Labor Agency, largest in New England, 27 Washington St., Boston, Mass.

WANTED

AGENTS AND SALESMEN

ENGINEER with some experience in structural design to sell Winslow's specialized Slide-Rules; simple, direct reading, quick. Good opportunity for first agent in each city. Henry W. Tomlinson, 62 East Van Buren St., Chicago.

BUSINESS OPPORTUNITIES

ENGINEER'S GRAND OPPORTUNITY—Long-established young contractor with unquestionable reputation and expert knowledge in the economical construction of public and private work and with exceptional ability in securing and executing profitable contracts desires to meet young graduate civil engineer who is willing to learn the contracting and construction line and take an active interest with an investment of from $15,000 to $25,000. B. O. 872, Eng. News.

FOUNDRY AND MACHINE SHOP in Kansas City; established 25 years; doing $100,000 to $125,000 business yearly; 1¼ acres land; brick buildings; located in the center of manufacturing district; have practically a monopoly on architectural castings in this city, and making large amount of machine castings; can make very attractive price and terms. B. O. 38, Eng. News.

COOPER UNION, New York City

The Free Day School of Technical Science offers four year courses in Civil, Mechanical and Electrical Engineering. Entrance examinations in Algebra and Geometry.

Preference given to applicants who have had practical experience in shops, power plants, draughting rooms or field work. Announcements mailed upon application.

CORRESPONDENCE COURSES

of instruction and practical work in designing and estimating the cost of structures of steel and reinforced concrete have been prepared by a well known Consulting Engineer,

FOR ENGINEERS

The personal attention of the engineer who prepared these courses is given to all the work submitted by each subscriber and therefore the membership is limited.

Two separate courses are offered, under the following designations,—

STRUCTURAL STEEL DESIGNING
REINFORCED CONCRETE ENGINEERING

These courses are *not* a duplication of the work given in technical colleges on these subjects, and are *not* a re-hash of matter taken from text books. This work differs from either because it gives the short concise practical methods actually used by engineers in such work, supplemented by labor saving tables and diagrams. They

PROVIDE ACTUAL EXPERIENCE

and save years spent in mis-directed efforts which are a necessary result of trying to acquire experience without the direct aid and assistance of an engineer properly experienced in such work.

Address M. 966, Engineering News

Manufacturers Desiring Representation

in Philadelphia and Vicinity

are offered an exceptional opportunity to secure adequate and proper representation.

My qualifications for this include fifteen years' executive and road experience, a wide acquaintanceship with both the wholesale and retail trade in the above territory, a record of success in producing results in the past, and proper facilities and organization for a satisfactory and dignified representation.

Complete proof as to ability to profitably handle their products will be given interested manufacturers upon request.

J. L. KEIR, Manufacturers' Agent **PHILADELPHIA**

Abbott Building, Broad and Race Streets

For Sale
Second Hand Machinery

Rates: Less than 4 insertions 60 cents per line—4 to 11 insertions 55 cents per line—12 or more insertions 50 cents per line.

Equipment Wanted items appear at the end of this list.

ADVERTISERS NAMES are abbreviated in most of these items. Complete names and addresses as follows:

BECKWITH, J. S., 108 Park Way, N. S., Pittsburgh, Pa.
BRADEN, James C., 26 Cortlandt St., N. Y. City.
CARPENTER & Boxley & Herrick, Inc., 4th Ave. and 70th St., B'klyn, N. Y.
CONTRACTORS' Service Co., 50 Church St., N. Y. City.
DALLETT & CO., Harrison Bldg., Phila., Pa.
DOUGLAS, Geo. B., 29 Broadway, New York.
GIVIN Co., Herbert, 30 Church St., N. Y City.
GRIMSHAW Co., Wm. B., 688 Drexel Bldg., Phila., Pa.
HITNER'S Sons Co., Henry A., Philadelphia, Pa.
HOISTING Engine Sales Co., 120 West 32d St., New York.
LINES FLYNN Co., Inc., 30 Church St., N. Y. City.
MARINE Metal and Supply Co., 167 South St., N. Y. City.
NEW RIVER Co., The, Macdonald, W. Va.
PIPE & Contractors Supply Co., 3 Dover St., N. Y. City.
SAMPSON Co., Geo. H., 13 Pearl St., Boston, Mass., and 42 B'way, N. Y. C.; or Winston & Co., Brown Station, N. Y.
SCHMIDT, Jr., & Co., C. G. A., Empire Bldg., Phila., Pa.
SOUTHERN Iron & Equipment Co., Atlanta, Ga.
STALLEY, G. T., Box 390, Cleveland, Ohio.
WHITNEY, O. R., 39 Cortlandt St., N. Y. C. (Cort. 6095)

Most items are signed with only part of the advertiser's name. Complete names and addresses in alphabetical order will be found under the heading "Addresses."

AIR COMPRESSORS

2—Ingersoll-Rand, Cross Compound steam and air cylinders with Corliss valve gear 2500 cu. ft. capacity.—SAMPSON.

2—Ingersoll-Rand, Cross Compound Steam and Air Cylinders with Corliss valve gear 3300 cu.ft. capacity. Boilers and Condensers with this plant. All in good condition. Bargain.—SAMPSON.

1—4700 Cu. Ft. Rand B. B. 3 Compound Steam and Compound Air Compressor with Condenser.—SAMPSON.

Several second-hand air compressors, steam and belt driven, straight line and two stage of various sizes from 70 to 1300 cu. ft. capacities. Good condition.—SAMPSON.

1—22x22-13-¼x24, Sullivan, steam driven, class WB 2, straight line, 2 stage, cap., 1160 cu. ft., 1—24x24x30, McKiernan, class A, straight line, steam driven, cap. 1414 cu. ft.; 1—24x24-¼x30, Ingersoll, class A, steam driven, straight line, cap. 1223 cu. ft., 2—16x20-¼x16, Ingersoll-Sargeant, class H-1, duplex, steam driven, cap. 1540 cu. ft.—HITNER'S.

1 Blaisdell 16x10x10, 60 H.P., 342 cu.ft. First class condition.—THEO. SMITH & SONS CO., Jersey City, N. J.

Steam driven 3 Laidlaw-Dunn-Gordon duplex 2-stage, and 5 Norwalk tandem 2-stage, capacities 900 to 2100 cu.ft., condition excellent.—NEW RIVER.

3—24"x24"x30" Rand S. L. Price $1000 each.—L. F. SEYFERT'S SONS, INC., 437 N. 3rd St., Phila., Pa.

4—15 H.P. Abenaque outfits.—SCHMIDT.

BOILERS

5—250 H.P. B. & W., 150 lbs. steam. Horizontal return tubular, 2—72"x20', 1—78"x20', 1—72"x18', 1—72"x15', 1—72"x14', triple riveted, butt strapped, 125 lbs. steam.—HITNER'S.

35, 60 and 80 H.P. loco. boilers—PIPE.

6—550 H.P. Altman Taylor B. & W. type, 150 lbs. pressure, complete with steel supporting structure—Arranged to set two in battery; one battery equipped with Taylor stokers.—HENRY R. KENT & CO., 141 Broadway, New York, N. Y.

2 New Marine, 10x11'; prompt delivery.—WHITNEY.

BUCKETS

1—1 yd. Theo. Smith Orange Peel.—PIPE.

5—¾ cu. yd. standard clam shells.—STALLEY.

1 "Haiss" ¾ yd. and 1 "Haiss" 1 yd. clamshell, in first-class shape; used short time. Digging teeth can be installed. —GEO. HAISS MFG. CO., 142nd St. and Rider Ave., N. Y. City.

CARS

[Standard Gauge]

45—80,000 lb. flat cars, cheap.—WHITNEY.

[36" Gauge]

100 Western 4-yd. dump and 26 Koppel steel concrete.—CARPENTER.

50—4 yd. 1-way So. Baltimore, $50 each. 8—K. & J. 3-yd. 2-way, overhauled, $70 each.—GRIMSHAW.

[24" Gauge]

1½ yd. Western with Vulcan Dinkey.—DALLETT.

10—1 yd. swivel end dump cars.—PIPE.

80—36 cu.ft. Koppel "V" body.—SCHMIDT.

CRUSHERS

Farrel Jaw, 15x9, with screen and engine.—MARINE.

National Jaw, 14x8, on wheels.—MARINE.

Gyratory, Nos. 8, 7½, 6, 5, 4, 3.—GIVIN.

1 No. 2 Climax on trucks with 15' elevator with 18 H.P. mounted Climax portable engine and boiler.—BECKWITH.

1 Climax Portable plant complete, A1.—GIVIN.

1—18x36 Farrell; 1—24x36 Buchanan.—SCHMIDT.

DERRICKS

5 traveling, 50 HP. Lambert elec. hoists.—CARPENTER.

DREDGES

Hydraulic and dipper. Sale or charter.—GIVIN.

DRILLS

6 Ingersoll, type F-24, and 2 class "C" Little Giant rock drills.—BECKWITH.

Keystone traction No. 3 with placer equipment located at Prescott, Ariz.—L. J. HOHL, 525 Market St., San Francisco, Calif.

ELECTRIC LIGHTS

For sale at less than half cost. Sixty 200 C.P. D.C. 220 V. Nernst arc lamps, moon globes. In perfect running condition. Can be seen in use in our offices; $4 each. (Regular price, $9.50). Price includes drop lighting switch. Must sell as our voltage is 110 in new office. HILL PUBLISHING CO., 10th Ave. at 36th St., New York.

ENGINES, GAS

1 8 H.P. Vertical Type Fairbanks with sub-base.—SAMPSON

FIRE ENGINES

2 Fire Engines, condition, first class.—HITNER'S.

HAMMERS

1 No. 4 Arnott.—PIPE.

HOISTING ENGINES

Lidgerwood 10x12 D.D.D.C. side by side drums, 33" diam.—MARINE.

Lidgerwood, 5x8 D.D.D.C. with boiler.—MARINE.

1 3 drum National hoist 10x12 with boiler and three independent winch-heads, excellent condition; 4 7x10 D.C.D.D. Lidgerwood with boilers; 1 Lidgerwood D.C.D.D. with swinger, skeleton 7x10, and 1 National D.C.D.D. with swinger, skeleton 7x10.—PIPE.

2 Lidgerwood 14x18, D.C. 3-tandem drum, reversible link motion; 1 Lidgerwood, 10x12, D.C. S.D. reversible link motion; 1 Lambert, 10x12, D.C. D.D. with boiler; 2 Lambert, 8x10, D.C. D.D. with Mass. boilers; 1 Lambert 7x10, D.C. D.D. with boiler; 1 Mundy, 7¼x10, D.C. D.D. with boiler; 1 Mundy, 6¼x10, D.C. D.D. with boiler; 1 O. & S. 6¼x8, D.C. D.D. with boiler. 2 Lidgerwood, 60 H.P. D.D. and swinger d.c. hoists.—HITNER'S.

THREE HUNDRED hoists, 2 or 3 drum 7x10, 8¼x10, 9x10, 10x12, skeleton or boilers; 100 electric.—HOISTING.

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Second-Hand Transits, Levels, etc. Bought, sold or exchanged. Send for list of Second-Hand Instruments. Get our prices before ordering. WILLIAMS, BROWN & EARLE, Inc., Engineering Supplies, Dept. E, 918 Chestnut St., Phila.

$125 G. & B. 18" Precise Y level, new, $85; $240 H. & Brightly Engrs. transit, arc, good, $137. Guaranteed. 99 others. Rentals, repairs, supplies.—ARCHITECTS' & ENGINEERS' SUPPLY CO., Kansas City, Mo.

LOCOMOTIVES

[Standard Gauge]

1 Porter, Std. G., 20-ton, 12x18, saddle tank.—DOUGLAS

50 locomotives, Switch, Mogul, Consolidation, Ten Wheel and Saddle Tank types.—SOUTHERN.

2—40 ton switchers, overhauled.—CONTRACTORS S. CO.

[36" Gauge]

10 10x16" Porter, Davenport and Vulcans.—SOUTHERN.

5 9x14" Porters.—SOUTHERN.

2—9x14 Baldwin saddle tank.—BECKWITH.

5—10x16 Vulcans, 1911-12.—CONTRACTORS S. CO.

5—11x16 Vulcan dinkies 1936 to 2039.—CARPENTER.

3—9x14 Porter dinkies 3146 to 3589.—CARPENTER.

20 ton, 11x16" Davenport, built 1907, $1175.—GRIMSHAW.

LOCOMOTIVE CRANES

4 and 8-wheel, 10, 15 and 20 tons capacity.—HOISTING MACHINERY Co., 48 Church St., New York City.

4 and 8 wheel 10 and 15 ton.—CONTRACTORS S. CO.

15-ton Browning, 4-wheel, S. G., 50' boom.—DALLETT.

1—7 Ton, 4 wheel, Industrial, 21' boom; 1—15 ton, 8-wheel, Industrial, wrecking crane, 20' boom, goose neck.—HITNER'S.

15 ton excellent condition, cheap.—STALLEY.

4 and 8 wheel, 10, 15, 20 and 25 tons capacity.—GIVIN.

1—10 ton 4 wheel Brown hoist, A1 condition; low price for quick sale.—GIVIN.

MIXERS (Asphalt and Concrete)

Hadsel 2 yd. Batch, with engine,—on channels.—MARINE.

Smith ¾ yd. Batch with engine,—on skids—MARINE.

Foote (cont.) No. 3, 7½ H.P. motor D.C. on wheels.—MARINE

Portable plant, complete capacity 300-600 yds. per day: rare bargain.—LINES FLYNN.

1 cu.yd. Smith with engine on skids.—BECKWITH.

1 Eureka continuous 3 H.P. D.C. motor; 2 Austin cubes with engines and boilers on steel skids; 2—2½ Smiths with engines on wheels; 1 yd. and ½ yd. Ransomes on skids.—PIPE.

PILING, SHEET STEEL

165 pcs. Lackawanna 14" arch web, 22 and 24 ft. lengths, used once, excellent condition.—37 Dun Bldg., Buffalo, N. Y.

5000 pcs. Lackawanna and Carnegie. What are your needs?—GRIMSHAW.

PIPE

Wrought with new threads and couplings, all sizes.—PIPE.

4500 ft. 2" wrought iron pipe in good condition.—LOUIS B. HARRISON, 220 Broadway, New York, N. Y.

PUMPS

1 Cameron 3½x2x4 Steam pump.—SAMPSON.

1 No. 8, 1 No. 9, 1 No. 10 Cameron.—MARINE.

2 Davidson Simplex 9x9x11.—MARINE

1 Worthington Duplex 6x4x6.—MARINE.

1 Worthington Duplex 10x6x10.—MARINE.

2 Snyder-Hughes Vacuum 10x14x12 Simplex.—MARINE.

1 No. 486 Emerson, 4" suc., 3" dis.—MARINE.

Piston and plunger, sizes up to 12x12x12.—NEW RIVER.

1 Compound duplex vertical center packed plunger, circulating pump, size 21—34x19—24, capacity 3500 gallons, 24 hours.—HITNER'S.

2 Emerson steam pumps No. 4; 1 Cameron 10x10½x20 and other sizes.—PIPE.

1—One million gallon, vertical, compound McGowan; only in operation about three years; reason for selling, installation of new equipment. Pump in good condition. Price and full description will be given by S. R. BLAKEMAN, Supt. of City Water & Light Dept., Dyersburg, Tenn.

2 Worthington 1,500,000 gal. Horizontal, Duplex Power, 14" diameter, 10" stroke.—WATER & LIGHT COMMISSION, Fergus Falls, Minn.

RAILS

500 tons first-class 56 and 60 lb. rail.—CARPENTER.

40 ton of 35 lb. with fish plates.—PIPE.

20,000 cu.ft. 24" gauge 20 lb. portable track.—SCHMIDT.

ROAD ROLLERS

2—10 ton Buffalo Pitts, practically new.—GIVIN.

1—8 ton Iroquois, used two months.—GIVIN.

2—5 ton Iroquois, perfect condition.—GIVIN.

1—5 ton Kelley tandem and 1—7 ton Chicago tandem, both rollers have been used but upon two jobs and are in most excellent condition.—Address the AMERICAN NATIONAL BANK, Findlay, Ohio.

Macadam and asphalt roller; also roller renting business located in N. Y. City.—F. S. 33, Eng. News.

10-ton macadam, used very little.—F. S. 31, Eng. News.

SEWER PLANTS

2—Complete Sewer Contractor's Plants, including compressors and locks.—LINES FLYNN.

STEAM SHOVELS

Marion, model 60, steam shovel.—SOUTHERN.

1 ¾-yd. revolving traction, rebuilt.—LINES FLYNN.

1 70-ton Bucyrus, 2½ yd. dipper; Thew "O."—BRADEN.

2—65 ton, Bucyrus, 2½ Yd. dippers, $3000 each.—HITNER'S.

50 steam shovels, all makes and sizes; some used only two months; rent or sale. Rare bargains. Everything sold is guaranteed.—CONTRACTORS S. CO.

Thew "O" traction, high number, Mass. boiler.—DALLETT.

1 Model 0 Thew, built 1912, low price.—GIVIN.

1—Bucyrus, 18 B, traction revolving ⅞ yd.—GIVIN.

1 Marion Model 60, 1439 with 1 standard and 1 special boom, and 1 Model 75, 2112.—CARPENTER.

⅝ yd. Thew, $2250; ⅝ yd. Bucyrus 14 B, $2500. Both traction and good.—GRIMSHAW.

Marion Model 31 revolving shovel for sale at Ringtown, Schuylkill County, Pa.—BENNETT & RANDALL, Lebanon, Pa.

TRAVELING CRANES

1 15-ton electric 36' 6" span.—DOUGLAS.

One—with clam shell bucket, new and cheap.—WHITNEY.

TURBINES

2 Houston 44" Vertical, with beveled gears, shafting, etc. —WATER & LIGHT COMMISSION, Fergus Falls, Minn.

Wanted

To buy Engineer's transit, level and continuous blueprinting machine. Give complete description.—WALKER-BROWN ENGINEERING CO., 512 Spencer St., Bristol, Va.

2 good five-ton auto trucks. Apply CONNERS BROS. CO., 64 West 88th St., New York, N. Y.

Tandem paving roller. Send lowest cash price and description to W. 32, Eng. News.

RECEIVER'S SALE

Pursuant to the order of the United States District Court for the Northern District of Ohio, the undersigned, James H. Cassidy, as Receiver of The Standard Contracting Company, will offer at public sale to the highest bidder on Wednesday, **April 14, 1915, at 10 A. M.** at the yard of the said company on Whiskey Island, Cleveland, Ohio, all of the property and equipment of the said company of every kind and description, consisting of dredges, tugs, scows, drills, pile drivers, blacksmith equipment, flues, iron, engines and machinery.

JAMES H. CASSIDY,
as Receiver of The Standard Contracting Company.

FOR SALE
Contractors' Equipment

All in Good Condition. Used One Season.

1 No. 562 Flory Hoist; 1 No. 12 Koehring Mixer on trucks, side loader, Gasoline; 1 No. 24 Koehring Mixer on trucks, side loader, Steam; 1 No. 106 Clyde Hoist; 1 Automatic Concrete Roller Hoist; 3 Centrifugal Pumps 2"-4"-5"; 1 C. H. & E. No. 2 Iron Portable Saw Rig, Gasoline; 1 Engineers' Transit; 1 Y Builders' Level; 18 Pair Swinging Scaffolds; 1 Universal Drafting Machine; 1 2-Ton Kelley Motor Truck; Motors; Pumps; Elevators; and a quantity of small equipment and form lumber.

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ERIE, PA.

FOR SALE

Air Reheaters	Tripods	Pumps
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Buckets	Electric Locomotives	Steel Pontoon
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Car Tipple	Man Locks	Wrought Iron Pipe
Rock Drills	Pile Hammer	Drill Steels
Elevators		

Apply to

Harold Carpenter, Resident Engineer, Astoria Light, Heat & Power Co., East 132nd St. and Locust Ave., New York City.

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Road and Sewer Builders Attention

1 Knox Tractor with 10 ton dump body, same being equipped with ball bearing wheels. In fine condition, excellent for hauling stone.

4 Buffalo Pitts 2 way traction wagons, bottom dump. Capacity 8 ton, excellent condition. Price $150 each.

2 Buffalo Pitts Traction Engines, one equipped with Westinghouse air compressor, to run Jackhamer drills, just the thing for sewer and water ditches.

1 Carson Trench machine with large and small buckets for sewer trenches. Very best of condition.

1 9x16 Farrel Crusher with new manganese jaws, perfect condition, $300.

3 three-horse hitch Watson wagons, bottom dump, capacity 7 ton, Price, $150 each.

1 Buffalo Pitts Steam Roller, good condition, price $1,000.

All of the above can be seen at our yards at Bridgeport, Conn.

The B. D. Pierce, Jr. Company

122 Bank Street **Bridgeport, Conn.**

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Including locomotives, gondolas, derricks, concrete mixers, rock drills, buckets, pumps, engines, elevators and conveyors. *Ask for new list with revised prices.*

ALABAMA POWER COMPANY,
Birmingham, Ala.

Dredge Pipe For Sale

Pontoon and Land Pipe

20 inches and 22 inches in diameter. Also casks, pontoons, elbows and valves. In good condition, will sell at one-half value. Address,

P. O. Box 27, Rochester, N. Y.

Hydraulic Dredge and Other Machinery For Sale

One—20" Hydraulic dredge, complete with Pontoons, Pipe Line, etc.
One—1½-yard Vulcan Steam Shovel.
One—No. 3½ Keystone Well Drilling Machine.
Seven—12-yard, 2-Way Oliver Dump Cars with Air Brakes.

For Further Information
Address P. O. Box 27, Rochester, N. Y

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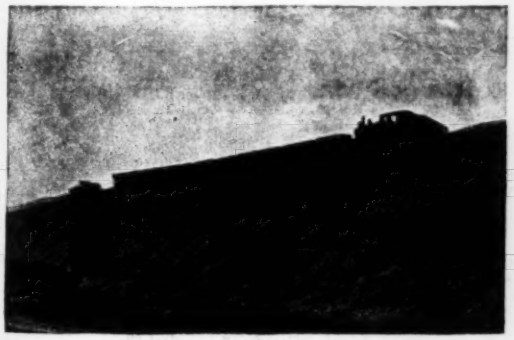

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or plant, or tools for which you have no present use might be sold or rented to some other reader through the medium of a "For Sale or Rent" advertisement in Engineering News.

Rates on Application

Public Sale of Valuable Personal Property

By virtue of the authority vested in the undersigned E. H. Tabler, Sheriff of Berkeley County, West Virginia, by decrees of the Circuit Court of Berkeley County, West Virginia, entered in the chancery causes of: **Marion Steam Shovel Company vs. Sundstrom & Stratton Company, W. J. Gephart vs. Sundstrom & Stratton Company, Daniel Rossi vs. Sundstrom & Stratton Company, Victor Johnson vs. Sundstrom & Stratton Company, W. B. Hinton vs. Sundstrom & Stratton Company, Lee M. Bender vs. Sundstrom & Stratton Company, Lord & Lord vs. Sundstrom & Stratton Company,** and orders entered in the law matters of: **Marion Steam Shovel Company vs. Sundstrom & Stratton Company, Pedro Cordez vs. Sundstrom & Stratton Company,** he will offer for sale at

Public Auction

at or near **Bedington, Berkeley County, West Virginia,** on **Tuesday, April 27, 1915,** commencing at 10:30 o'clock a.m., the following personal property belonging to **Sundstrom & Stratton Company,** and involved in the said proceedings:

1 Marion Steam Shovel—Shop No. 906, Lot Chains, at Bedington.
1 Dinkey Engine No. 24—Sundstrom & Stratton Co., 90 West Street, New York City.
1 Dinkey Engine No. 23—Sundstrom & Stratton Co., 90 West Street, New York City.
1 portable boiler and air compressor; 39 trucks.
1 Deane Steam Pump, No. 33963; size 7½ x 6.6.
1 Deane Steam Pump, No. 40450; size 6 x 6.6.
2 Stationary Boilers.

And commencing at 1:30 o'clock in the afternoon of the same day, at or near CUMBO, BERKELEY COUNTY, WEST VIRGINIA, he will offer for sale, the following described personal roperty, involved in this litigation:

1 Marion Shovel—Model 75, Shop No. 2061.
1 Marion Shovel—Model 60, Shop No. 1330.
1 Marion Shovel—Model 80, Shop No. 787.
1 Marion Shovel—Model 80, Shop No. 821.
1 Portable Engine—Nagle Engine & Boiler Works, Erie, Pa.
1 Upright Boiler for Stationary engine.
1 lot iron pipe.
1 Portable Concrete Mixer.
2 Concrete Buckets.
1 Hoisting Engine—"Lidgerwood" make.
1 Dinkey Engine—No. 11, made by H. K. Porter & Co.; Shop No. 3567.
1 Dinkey Engine—No. 20, made by Amer. Locomotive Co.; No. 46725.
1 Dinkey Engine—No. 21, made by Amer. Locomotive Co.; No 46726.
1 Dinkey Engine—No. 12, made by Baldwin Locomotive Wks.; No. 28326.
1 Dinkey Engine—No. 13, made by Baldwin Locomotive Wks.; No. 28271.
1 Dinkey Engine—No. 14, made by Baldwin Locomotive Wks.; No. 23235.
1 Dinkey Engine—made by H. K. Porter & Co.; 3566.
1 Dinkey Engine—No. 15, made by H. K. Porter & Co.; No. 4013.
1 Hoisting Engine—"Lidgerwood" made.
1 Upright Boiler.
86 Dump cars.
5 Watson Dump Wagons.
Equipment Blacksmith Shop.
1 Portable Engine, "M81" over door.
1 Concrete Mixer, near subway.
1 Wooden Derrick.
1 Lot Iron Pipe, near shovels.
1 Lot Iron Pipe, near subway.
2 Concrete Buckets, near subway.
2 Upright Boilers; near subway.
Lot (nine drills; drill points, tools and blacksmith equipment, irons, etc., in tar paper house; lot jacks, drills, repairs and equipment in board house near subway.
1 Deane Steam Pump, No. 3544.
1 Steam Pump (no number). One Deane Steam Pump.
1 lot brass fittings, parts to shovels, engines, etc., stored in shanty.

The property at Bedington will be offered separately and then it will be offered as a whole; and the property at Cumbo will be offered separately and then offered as a whole. By subsequent order entered March 25th, 1915, in the case of the Marion Steam Shovel Company vs Sundstrom and Stratton Company, the Sheriff is directed in executing the order of sale to require from all bidders bidding upon the two lots of property as a whole to deposit with the Sheriff before making any bid, a certified check for $500.00, which check will be returned to the bidder in case he is unsuccessful, or if successful, to be deposited and applied upon the purchase money.

TERMS OF SALE—CASH

No property to be removed until settled for and terms complied with. Reasonable opportunity will be afforded the successful bidder to comply with the terms of sale.

E. H. TABLER,
SHERIFF OF BERKELEY COUNTY,
WEST VIRGINIA.

Persons desiring to attend this sale may come to Martinsburg, West Virginia, over the B. & O., or Pennsylvania Railroads, and then reach the places of sale by automobile or local train.

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It Carries—
It Dumps—
The Maney Scraper

It's a combination scraper and dump wagon which does away with the usual wheeler and dump man as it only requires one man to operate it. On railroad, highway, levee or other excavating and grading work it allows you to reduce the number of men and teams one-half and still move the same amount of dirt in the same time.

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Cook Patent Brass Tube Well Strainer

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